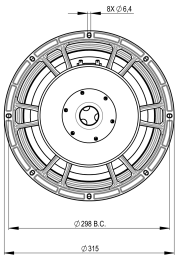
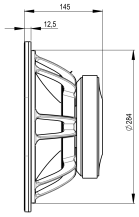
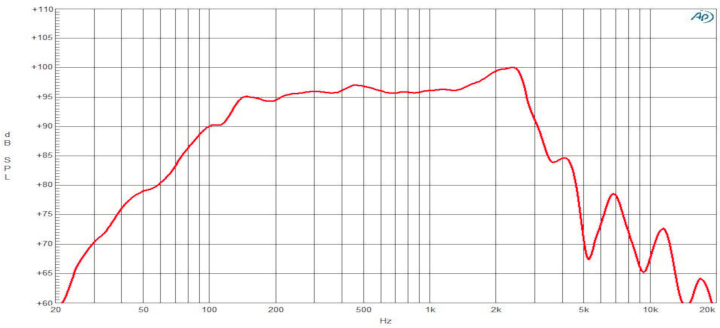
12FW88 8 Ω LF Drivers - 12 inches Woofer

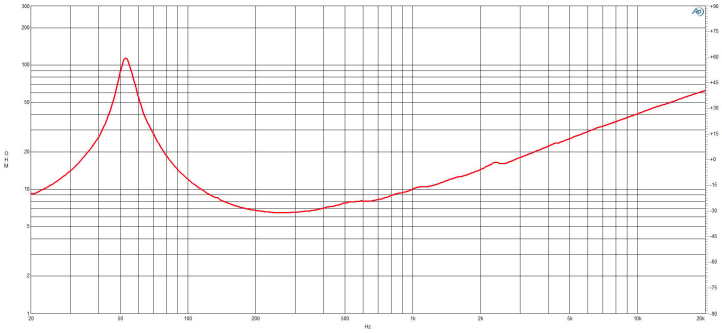


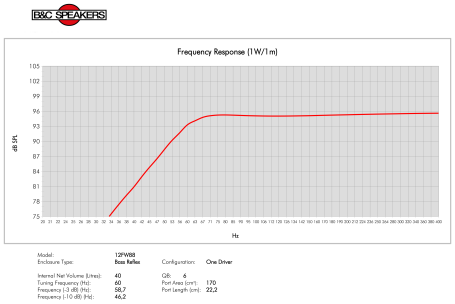


1400 W continuous program power capacity
88 mm (3.5 in) aluminium voice coil
50 - 3000 Hz response
97 dB sensitivity
Aluminium demodulating ring allows a very low distortion figure
Double silicone spider with optimized compliance
Ventilated voice coil gap for reduced power compression

The FW88 series is perfectly balanced for the loudspeaker systems of today. A performance-oriented range of ferrite woofers with 3.5" (88mm) voice coil and high flux ferrite magnet, incorporated into a compact but powerful motor package. The results are unexpected low frequency output and midrange extension to meet with almost any driver for two way applications. Do more, with less, with the FW88 series.







B&C Speakers S.p.A.
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12FW88 8 Ω LF Drivers - 12 inches Woofer

SPECIFICATIONS

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.3 Ω
Nominal Power Handling	700 W 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.
Continuous Power Handling	1400 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
Sensitivity	97 dB Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
Frequency Range	50 Hz - 3000 Hz
Voice Coil Diameter	88 mm (3.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	21.5 mm (0.85 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.04 T
Woofer Cone Treatment	WP Waterproof Front Side

MOUNTING AND SHIPPING INFO

Overall Diameter	315 mm (12.4 in)
Bolt Circle Diameter	298 mm (11.73 in)
Baffle Cutout Diameter	285 mm (11.22 in)
Depth	145 mm (5.71 in)
Flange and Gasket Thickness	12 mm (0.49 in)
Air Volume Occupied by Driver	2.5 dm^3 (0.09 ft^3)
Net Weight	8.25 kg (18.19 lb)
Shipping Units	1 pcs
Shipping Weight	9.15 kg (20.17 lb)
Shipping Box	360x360x200 mm (14.17x14.17x7.87 in)

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	53 Hz
Re	5.1 Ω
Qes	0.35
Qms	7.7
Qts	0.33
Vas	45.7 dm^3 (1.61 ft^3)
Sd	531 cm^2 (82.31 sq^2)
η0	2.05 %
Xmax	8 mm
Xvar	8.6 mm
Mms	76.4 g
Bl	19.5 Tm
Le	0.9 mH
EBP	151 Hz

DESIGN

Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Ferrite Ring
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	40 dm^3 (1.41 ft^3)
Recommended Tuning	65 Hz

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